DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. CISCP233

As a below-named inventor, I hereby declare that:

(chack one)

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: MAP ROUTING TECHNIQUE IMPLEMENTED IN ACCESS NETWORKS the specification of which,

| | 2. | was filed on | | as |
|---|--------------------|---|---------------------------------|---|
| | | U.S. Application No. | | |
| | | and was amended on | | · |
| and to set | 3. | was filed on | | as |
| 4.fi | | International PCT Applica | ion No | |
| 10 | | and was amended on | | |
| | t I have review | and and understand the secution | and the first of the second | ecification, including the claims, as |
| amended by any a | mendment refer | red to above. | nus of the above-identified sp | ecification, including the claims, as |
| I acknowledge the 37, CFR § 1.56. | duty to disclos | se information which is mate | rial to the examination of this | application in accordance with Title |
| Prior Foreign Ap | plication(s) | | | |
| | aign priority ba | nofita undan Tida 25. IIid | State - 1 - 8 110() (1) - 0 | 2677 |
| for batent or inver | ntor's certificate | or 8 365(a) of any PCT In | States code, § 119(a)-(d) or § | 365(b) of any foreign application(s) esignated at least one country other |
| than the United S | States, listed be | low and have identified be | ow by checking the box an | y foreign application for patent or |
| inventor's certifica | ate, or PCT Int | ernational application having | a filing date before that of t | the application on which priority is |
| claimed: | | • | , | are application on which priority is |
| | | | | |
| | | | | Priority Benefits Claimed? |
| (Application No.) | | | | Priority Benefits Claimed? Yes No |
| (Application No.) | | (Country) | (Filing Date) | |
| | | | | |
| (Application No.) | | (Country) | (Filing Date) | Yes No |
| | ication(s) | | | Yes No |
| (Application No.) Provisional Appli | . , | (Country) | | Yes No Yes No |
| (Application No.) Provisional Appli | . , | (Country) 5 U.S.C. §119(e) of any Unite | (Filing Date) | Yes No Yes No |
| (Application No.) Provisional Appli I hereby claim the | . , | (Country) | (Filing Date) | Yes No Yes No |
| (Application No.) Provisional Appli I hereby claim the | . , | (Country) 5 U.S.C. §119(e) of any Unite | (Filing Date) | Yes No Yes No |

Atty. Dkt. No.: CISCP233

(Revised 03/00)

Prior U.S. Application(s)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

| (Application No.) | (Filing Date) | (Status - patented, pending, abandoned) |
|-------------------|---------------|---|
| (Application No.) | (Filing Date) | (Status - patented, pending, abandoned) |

Power of Attorney

Direct Correspondence To:

And I hereby appoint the law firm of **Beyer Weaver & Thomas, LLP** and all practitioners who are associated with the Customer Number 022434 as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Customer Number: 022434 BEYER WEAVER & THOMAS, LLP P.O. Box 778

Berkeley, CA 94704-0778 Direct Telephone Calls To: Dean E. Wolf at telephone number (510) 843-6200 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and befief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the likeso made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that suer willful false statements may jeopardize the validity of the application or any patent issuing thereon. Typewritten Full Name of Sole or First Inventor: John T. Chapman Citizenship: United States Inventor's signature: Date of Signature: Residence: Cupertino (City) (State/Country) _____CA/US

22561 Poppy Drive, Cupertino, CA 95014

Atty. Dkt. No.: CISCP233 (Revised 03/00)

Post Office Address: